

Chew Chieng Yeo

List of Publications by Year in descending order

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80
papers

1,804
citations

257450

24
h-index

315739

38
g-index

85
all docs

85
docs citations

85
times ranked

2160
citing authors

#	ARTICLE	IF	CITATIONS
1	Keeping the Wolves at Bay: Antitoxins of Prokaryotic Type II Toxin-Antitoxin Systems. <i>Frontiers in Molecular Biosciences</i> , 2016, 3, 9.	3.5	124
2	Molecular and Structural Characterization of the PezAT Chromosomal Toxin-Antitoxin System of the Human Pathogen <i>Streptococcus pneumoniae</i> . <i>Journal of Biological Chemistry</i> , 2007, 282, 19606-19618.	3.4	103
3	Small, Enigmatic Plasmids of the Nosocomial Pathogen, <i>Acinetobacter baumannii</i> : Good, Bad, Who Knows?. <i>Frontiers in Microbiology</i> , 2017, 8, 1547.	3.5	75
4	Characterization of Multidrug Resistant ESBL-Producing <i>Escherichia coli</i> Isolates from Hospitals in Malaysia. <i>Journal of Biomedicine and Biotechnology</i> , 2009, 2009, 1-10.	3.0	64
5	The Importance of the Expendable: Toxin-Antitoxin Genes in Plasmids and Chromosomes. <i>Frontiers in Microbiology</i> , 2017, 8, 1479.	3.5	64
6	The yefM-yoeB Toxin-Antitoxin Systems of <i>Escherichia coli</i> and <i>Streptococcus pneumoniae</i> : Functional and Structural Correlation. <i>Journal of Bacteriology</i> , 2007, 189, 1266-1278.	2.2	63
7	Prevalence and Genetic Characterization of Carbapenem- and Polymyxin-Resistant <i>Acinetobacter baumannii</i> Isolated from a Tertiary Hospital in Terengganu, Malaysia. , 2014, 2014, 1-9.		58
8	Toxin-Antitoxin Genes of the Gram-Positive Pathogen <i>Streptococcus pneumoniae</i> : So Few and Yet So Many. <i>Microbiology and Molecular Biology Reviews</i> , 2012, 76, 773-791.	6.6	57
9	The upper respiratory tract microbiome of indigenous Orang Asli in north-eastern Peninsular Malaysia. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 1.	6.4	49
10	Genome fingerprinting by pulsed-field gel electrophoresis and ribotyping to differentiate <i>Pseudomonas aeruginosa</i> serotype O11 strains. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 1992, 11, 817-822.	2.9	45
11	Characterization of multidrug-resistant and extended-spectrum β -lactamase-producing <i>Klebsiella pneumoniae</i> strains from Malaysian hospitals. <i>Journal of Medical Microbiology</i> , 2009, 58, 1463-1469.	1.8	45
12	Genetic Regulation of the yefM-yoeB Toxin-Antitoxin Locus of <i>Streptococcus pneumoniae</i> . <i>Journal of Bacteriology</i> , 2011, 193, 4612-4625.	2.2	45
13	Tn5563, a transposon encoding putative mercuric ion transport proteins located on plasmid pRA2 of <i>Pseudomonas alcaligenes</i> . <i>FEMS Microbiology Letters</i> , 1998, 165, 253-260.	1.8	43
14	Cancer Chemopreventive Activity of Maslinic Acid: Suppression of COX-2 Expression and Inhibition of NF- κ B and AP-1 Activation in Raji Cells. <i>Planta Medica</i> , 2011, 77, 152-157.	1.3	43
15	Comparative Genomics of Two ST 195 Carbapenem-Resistant <i>Acinetobacter baumannii</i> with Different Susceptibility to Polymyxin Revealed Underlying Resistance Mechanism. <i>Frontiers in Microbiology</i> , 2015, 6, 1445.	3.5	40
16	Molecular and Biochemical Characterization of the xlnD -Encoded 3-Hydroxybenzoate 6-Hydroxylase Involved in the Degradation of 2,5-Xylenol via the Gentisate Pathway in <i>Pseudomonas alcaligenes</i> NCIMB 9867. <i>Journal of Bacteriology</i> , 2005, 187, 7696-7702.	2.2	37
17	Group II intron from <i>Pseudomonas alcaligenes</i> NCIB 9867 (P25X): entrapment in plasmid RP4 and sequence analysis. <i>Microbiology (United Kingdom)</i> , 1997, 143, 2833-2840.	1.8	36
18	Characterization of the Endogenous Plasmid from <i>Pseudomonas alcaligenes</i> NCIB 9867: DNA Sequence and Mechanism of Transfer. <i>Journal of Bacteriology</i> , 2000, 182, 81-90.	2.2	34

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19	Functional validation of putative toxin-antitoxin genes from the Gram-positive pathogen <i>Streptococcus pneumoniae</i> : phd-doc is the fourth bona-fide operon. <i>Frontiers in Microbiology</i> , 2014, 5, 677.	3.5	34
20	<i>Staphylococcus aureus</i> Infections in Malaysia: A Review of Antimicrobial Resistance and Characteristics of the Clinical Isolates, 1990â€“2017. <i>Antibiotics</i> , 2019, 8, 128.	3.7	33
21	Molecular analysis of the pRA2 partitioning region: ParB autoregulates parAB transcription and forms a nucleoprotein complex with the plasmid partition site, parS. <i>Molecular Microbiology</i> , 2001, 40, 621-633.	2.5	31
22	Proteome investigation of the global regulatory role of Ïf54 in response to gentisate induction in <i>Pseudomonas alcaligenes</i> NCIMB 9867. <i>Proteomics</i> , 2005, 5, 1868-1876.	2.2	30
23	<i>Acinetobacter</i> spp. Infections in Malaysia: A Review of Antimicrobial Resistance Trends, Mechanisms and Epidemiology. <i>Frontiers in Microbiology</i> , 2017, 8, 2479.	3.5	30
24	Comparison of Methicillin-Resistant and Methicillin-Sensitive <i>Staphylococcus aureus</i> Strains Isolated from a Tertiary Hospital in Terengganu, Malaysia. <i>Japanese Journal of Infectious Diseases</i> , 2012, 65, 502-509.	1.2	29
25	Recent advances in typing of <i>Pseudomonas aeruginosa</i> . <i>Journal of Hospital Infection</i> , 1993, 24, 175-181.	2.9	28
26	Proteome analysis of gentisate-induced response in <i>Pseudomonas alcaligenes</i> NCIB 9867. <i>Proteomics</i> , 2004, 4, 2028-2036.	2.2	27
27	Whole-genome analysis of an extensively drug-resistant clinical isolate of <i>Acinetobacter baumannii</i> AC12: Insights into the mechanisms of resistance of an ST195 clone from Malaysia. <i>International Journal of Antimicrobial Agents</i> , 2015, 45, 178-182.	2.5	26
28	Prevalence and Characterization of Multidrug-Resistant and Extended-Spectrum Beta-Lactamase-Producing <i>Escherichia coli</i> from Pediatric Wards of a Malaysian Hospital. <i>Microbial Drug Resistance</i> , 2012, 18, 408-416.	2.0	25
29	GNAT toxins of bacterial toxin-antitoxin systems: acetylation of charged tRNAs to inhibit translation. <i>Molecular Microbiology</i> , 2018, 108, 331-335.	2.5	23
30	Heterologous Expression of Toxins from Bacterial Toxin-Antitoxin Systems in Eukaryotic Cells: Strategies and Applications. <i>Toxins</i> , 2016, 8, 49.	3.4	22
31	Sequence analysis of plasmid pRA2 from <i>Pseudomonas alcaligenes</i> NCIB 9867 (P25X) reveals a novel replication region. <i>FEMS Microbiology Letters</i> , 1998, 158, 159-165.	1.8	21
32	Molecular characterization of an inducible gentisate 1,2-dioxygenase gene, xlnE, from <i>Pseudomonas alcaligenes</i> NCIMB 9867. <i>Gene</i> , 2003, 312, 239-248.	2.2	21
33	The Complete Sequence and Comparative Analysis of a Multidrug-Resistance and Virulence Multireplicon IncFII Plasmid pEC302/04 from an Extraintestinal Pathogenic <i>Escherichia coli</i> EC302/04 Indicate Extensive Diversity of IncFII Plasmids. <i>Frontiers in Microbiology</i> , 2015, 6, 1547.	3.5	20
34	Tigecycline and inducible clindamycin resistance in clinical isolates of methicillin-resistant <i>Staphylococcus aureus</i> from Terengganu, Malaysia. <i>Journal of Medical Microbiology</i> , 2019, 68, 1299-1305.	1.8	19
35	Identification of amino acid residues essential for catalytic activity of gentisate 1,2-dioxygenase from <i>Pseudomonas alcaligenes</i> NCIB 9867. <i>FEMS Microbiology Letters</i> , 2001, 204, 141-146.	1.8	18
36	Nasal colonisation, antimicrobial susceptibility and genotypic pattern of <i>Staphylococcus aureus</i> among agricultural biotechnology students in Besut, Terengganu, east coast of Malaysia. <i>Tropical Medicine and International Health</i> , 2018, 23, 905-913.	2.3	18

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37	Prevalence and characterization of verotoxigenic-Escherichia coli isolates from pigs in Malaysia. BMC Veterinary Research, 2013, 9, 109.	1.9	16
38	Expression of the Streptococcus pneumoniae yoeB Chromosomal toxin gene causes Cell Death in the model plant Arabidopsis thaliana. BMC Biotechnology, 2015, 15, 26.	3.3	16
39	Biocide susceptibilities and biofilm-forming capacities of Acinetobacter baumannii clinical isolates from Malaysia. Journal of Infection in Developing Countries, 2019, 13, 626-633.	1.2	16
40	IS1491 from Pseudomonas alcaligenes NCIB 9867: Characterization and Distribution among Pseudomonas Species. Plasmid, 1998, 39, 187-195.	1.4	15
41	Editorial: The Good, The Bad, and The Ugly: Multiple Roles of Bacteria in Human Life. Frontiers in Microbiology, 2018, 9, 1702.	3.5	15
42	Epidemiology and Characteristics of Elizabethkingia spp. Infections in Southeast Asia. Microorganisms, 2022, 10, 882.	3.6	15
43	Characterization of IS1474, an insertion sequence of the IS21 family isolated from Pseudomonas alcaligenes NCIB 9867. FEMS Microbiology Letters, 2006, 149, 257-263.	1.8	14
44	Characterization of hzbE-encoded gentisate 1,2-dioxygenase from Pseudomonas alcaligenes NCIMB 9867. Research in Microbiology, 2007, 158, 608-616.	2.1	14
45	Outbreak-associated <i>Vibrio cholerae</i> Genotypes with Identical Pulsotypes, Malaysia, 2009. Emerging Infectious Diseases, 2012, 18, 1177-1179.	4.3	14
46	Complete Genome Sequencing of Acinetobacter baumannii AC1633 and Acinetobacter nosocomialis AC1530 Unveils a Large Multidrug-Resistant Plasmid Encoding the NDM-1 and OXA-58 Carbapenemases. MSphere, 2021, 6, .	2.9	14
47	Proteomic analysis of the molecular response of Raji cells to maslinic acid treatment. Phytomedicine, 2012, 19, 183-191.	5.3	13
48	The dnd operon for DNA phosphorothioation modification system in Escherichia coli is located in diverse genomic islands. BMC Genomics, 2015, 16, 199.	2.8	12
49	Characterization of resistance to selected antibiotics and Panton-Valentine leukocidin-positive Staphylococcus aureus in a healthy student population at a Malaysian University. Germs, 2018, 8, 21-30.	1.3	12
50	Suppressive Effect of Maslinic Acid on PMA-induced Protein Kinase C in Human B-Lymphoblastoid Cells. Asian Pacific Journal of Cancer Prevention, 2012, 13, 1177-1182.	1.2	12
51	IS1394 from Pseudomonas alcaligenes N.C.I.B. 9867: identification and characterization of a member of the IS30 family of insertion elements. Gene, 1996, 175, 109-113.	2.2	10
52	Isolation and Characterization of Group II Introns from Pseudomonas alcaligenes and Pseudomonas putida. Plasmid, 2001, 45, 233-239.	1.4	10
53	Antibacterial profile of Jatropha curcas latex extracts against selected human pathogenic bacteria. African Journal of Microbiology Research, 2011, 5, .	0.4	10
54	Proteome analysis of heat shock protein expression in Pseudomonas alcaligenes NCIMB 9867 in response to gentisate exposure and elevated growth temperature. Biotechnology and Bioengineering, 2007, 97, 506-514.	3.3	9

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55	Heterologous expression of the <i>Streptococcus pneumoniae</i> yoeB and pezT toxin genes is lethal in <i>Chlorella vulgaris</i> . <i>Algal Research</i> , 2016, 19, 21-29.	4.6	9
56	spa diversity of methicillin-resistant and -susceptible <i>Staphylococcus aureus</i> in clinical strains from Malaysia: a high prevalence of invasive European spa-type t032. <i>PeerJ</i> , 2021, 9, e11195.	2.0	8
57	Genome Sequence of Multidrug-Resistant <i>Escherichia coli</i> EC302/04, Isolated from a Human Tracheal Aspirate. <i>Journal of Bacteriology</i> , 2012, 194, 6691-6692.	2.2	6
58	Draft Genome Sequence of Methicillin-Resistant <i>Staphylococcus aureus</i> KT/Y21, a Sequence Type 772 (ST772) Strain Isolated from a Pediatric Blood Sample in Terengganu, Malaysia. <i>Genome Announcements</i> , 2014, 2, .	0.8	6
59	Prevalence and antimicrobial susceptibilities of <i>Acinetobacter baumannii</i> and non- <i>baumannii</i> <i>Acinetobacters</i> from Terengganu, Malaysia and their carriage of carbapenemase genes. <i>Journal of Medical Microbiology</i> , 2018, 67, 1538-1543.	1.8	6
60	Replacement of Tyrosine 181 by Phenylalanine in Gentisate 1,2-Dioxygenase I from <i>Pseudomonas alcaligenes</i> NCIMB 9867 Enhances Catalytic Activities. <i>Journal of Bacteriology</i> , 2005, 187, 7543-7545.	2.2	5
61	Draft genome sequence of <i>Staphylococcus aureus</i> KT/312045, an ST1-MSSA PVL positive isolated from pus sample in East Coast Malaysia. <i>Genomics Data</i> , 2016, 9, 111-112.	1.3	5
62	Disruption of the cpsE and endA Genes Attenuates <i>Streptococcus pneumoniae</i> Virulence: Towards the Development of a Live Attenuated Vaccine Candidate. <i>Vaccines</i> , 2020, 8, 187.	4.4	5
63	Characterization of the Pac25I Restriction-Modification Genes Isolated from the Endogenous pRA2 Plasmid of <i>Pseudomonas alcaligenes</i> NCIB 9867. <i>Plasmid</i> , 1998, 40, 203-213.	1.4	4
64	Toxin-Antitoxin Loci in <i>Streptococcus pneumoniae</i> . , 2013, , 315-339.		4
65	Genome Sequence of <i>Acinetobacter baumannii</i> AC12, a Polymyxin-Resistant Strain Isolated from Terengganu, Malaysia. <i>Journal of Bacteriology</i> , 2012, 194, 5979-5980.	2.2	3
66	Survivability of <i>Vibrio cholerae</i> O1 in Cooked Rice, Coffee, and Tea. <i>International Journal of Food Science</i> , 2013, 2013, 1-5.	2.0	3
67	Survival of <i>Vibrio cholerae</i> O1 and <i>Vibrio parahaemolyticus</i> in fried and boiled Malaysian fish sausage. <i>Food Control</i> , 2014, 41, 102-105.	5.5	3
68	Neutralization of Bacterial YoeB Spn Toxicity and Enhanced Plant Growth in <i>Arabidopsis thaliana</i> via Co-Expression of the Toxin-Antitoxin Genes. <i>International Journal of Molecular Sciences</i> , 2016, 17, 321.	4.1	3
69	Editorial: Prokaryotic Communications: From Macromolecular Interdomain to Intercellular Talks (Recognition) and Beyond. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 670572.	3.5	3
70	Tn5563, a transposon encoding putative mercuric ion transport proteins located on plasmid pRA2 of <i>Pseudomonas alcaligenes</i> . <i>FEMS Microbiology Letters</i> , 1998, 165, 253-260.	1.8	3
71	relBE toxin-antitoxin system as a reliable anti-biofilm target in <i>Pseudomonas aeruginosa</i> . <i>Journal of Applied Microbiology</i> , 2022, 133, 683-695.	3.1	3
72	Identification of amino acid residues essential for catalytic activity of gentisate 1,2-dioxygenase from <i>Pseudomonas alcaligenes</i> NCIB 9867. <i>FEMS Microbiology Letters</i> , 2001, 204, 141-146.	1.8	2

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73	Genotypic Characterization of Extended-Spectrum β -lactamases Producing <i>Klebsiella pneumoniae</i> Strains Isolated in Malaysia. <i>International Journal of Infectious Diseases</i> , 2008, 12, e117.	3.3	1
74	Whole genome sequencing of <i>Acinetobacter baumannii</i> hospital isolates from Terengganu, Malaysia: Prevalence of the GC2 ST195 clone in 2011–2012. <i>International Journal of Infectious Diseases</i> , 2020, 101, 34.	3.3	1
75	Multilocus sequence typing of clinical ESBL-producing <i>E. coli</i> strains. <i>International Journal of Infectious Diseases</i> , 2012, 16, e416-e417.	3.3	0
76	Whole genome sequencing of <i>Acinetobacter baumannii</i> clinical isolates from Terengganu, Malaysia indicated predominance of the Global Clonal 2, Sequence Type 2 (ST2) lineage. <i>International Journal of Antimicrobial Agents</i> , 2021, 58, 21003708.	2.5	0
77	Multidrug-resistant <i>Acinetobacter baumannii</i> AC1633 encodes the NDM-1 and OXA-58 carbapenemase genes on a large, potentially transmissible plasmid. <i>International Journal of Infectious Diseases</i> , 2020, 101, 55.	3.3	0
78	Draft Genome Sequences of Two <i>Acinetobacter soli</i> Clinical Isolates from a Tertiary Hospital in Terengganu, Malaysia. <i>Microbiology Resource Announcements</i> , 2022, , e0008222.	0.6	0
79	Editorial: Prokaryotic Communications, Volume II: From Macromolecular Interdomain to Intercellular Talks (Recognition) and Beyond. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 910673.	3.5	0
80	Sequence analysis of plasmid pRA2 from <i>Pseudomonas alcaligenes</i> NCIB 9867 (P25X) reveals a novel replication region. <i>FEMS Microbiology Letters</i> , 1998, 158, 159-165.	1.8	0